

Rabbit anti-Human, Rat HAVCR1 / KIM-1 Polyclonal Antibody | anti-HAVCR1 antibody

Rabbit Polyclonal to Human HAVCR1 / KIM-1

CATALOG # AAA50885	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

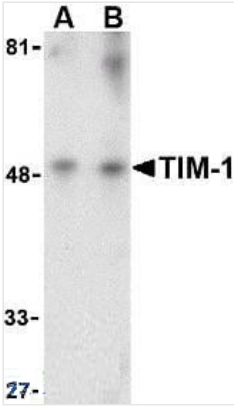
HAVCR1 / KIM-1; Polyclonal Antibody; Rabbit Polyclonal to Human HAVCR1 / KIM-1; Anti-HAVCR1 / KIM-1 Antibody (Internal) IHC-plus; HAVCR1; HAVCR-1; KIM-1; Kidney injury molecule 1; KIM1; T-cell membrane protein 1; TIM1; TIMD1; TIM-1; HAVCR; TIMD-1; Human HAVCR1; anti-HAVCR1 antibody

PRODUCT SPECIFICATIONS

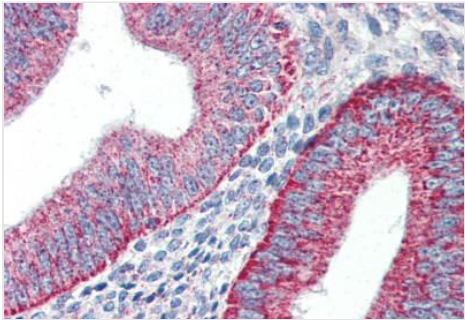
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide Column Affinity Chromatography
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-HAVCR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human HAVCR1 / TIM-1.
Immunogen Species	HAVCR1/KIM-1 antibody was raised against Human
Immunogen	HAVCR1 / KIM-1 antibody was raised against synthetic peptide from human HAVCR1 / TIM-1.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot of TIM-1 in human uterus tissue lysate with TIM-1 antibody at (A) 1 and (B) 2 ug/ml.



IHC (Immunohistochemistry)
Anti-TIM-1 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR1 antibody	TIM-1 antibody can be used for the detection of TIM-1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Western Blot:
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153085427
NCBI GeneID	26762
NCBI Accession #	NP_036338.2
NCBI GenBank Nucleotide #	NM_012206.2
UniProt Accession #	Q96D42; O43656
NCBI Official Full Name	hepatitis A virus cellular receptor 1
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 1
NCBI Official Symbol	HAVCR1
NCBI Official Synonym Symbols	TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1
NCBI Protein Information	hepatitis A virus cellular receptor 1; kidney injury molecule 1; T-cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; T-cell immunoglobulin mucin family member 1; T cell immunoglobulin domain and mucin domain protein 1
UniProt Protein Name	Hepatitis A virus cellular receptor 1
UniProt Gene Name	HAVCR1
UniProt Synonym Gene Names	KIM1; TIM1; TIMD1; HAVcr-1; KIM-1; TIMD-1; TIM; TIM-1
UniProt Entry Name	HAVR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.